



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 9754

SERIAL NUMBER 10/728,406	FILING DATE 12/05/2003 RULE	CLASS 029	GROUP ART UNIT 3729	ATTORNEY DOCKET NO. 169.12-0616
-----------------------------	---------------------------------------	--------------	------------------------	---------------------------------------

APPLICANTS

Janusz J. Nowak, Eden Prairie, MN;

Konstantin R. Nikolaev, Edina, MN;
Khuong T. Tran, Fridley, MN; Mark T. Kief, Lakeville, MN;** CONTINUING DATA ***** None TN** FOREIGN APPLICATIONS ***** None TN

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 03/05/2004

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR COUNTRY MN	SHEETS DRAWING 4	TOTAL CLAIMS 3122	INDEPENDENT CLAIMS 32
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature <i>[Signature]</i>	Initials <i>TN</i>		

ADDRESS

00164
 KINNEY & LANGE, P.A.
 THE KINNEY & LANGE BUILDING
 312 SOUTH THIRD STREET
 MINNEAPOLIS, MN
 55415-1002

TITLE A method of making a current perpendicular to the plane (CPP) magnetoresistive (MR)
Read sensor with confined sense current Sensor. TN

FILING FEE RECEIVED	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
----------------------------	---	---